

Appln. No. 09/865,394  
Amendment dated Feb. 05, 2004  
Reply to Office action of Nov. 21, 2003  
Docket No. 6169-200

IBM Docket No.: BOC9-2000-0064

**Amendments to Specification:**

Please replace the first full paragraph of page 10 beginning at line 5 with the following amended paragraph.

B<sup>1</sup>

FIG. 1 is a block diagram which illustrates an architecture of a data metrics map in accordance with the inventive arrangements. Two components of the architecture of FIG. 1, include the data metrics map display 5 and the supporting data metrics map components. The data metrics map display 5 can contain a node map display section 10, a node detail display section 15, a map view display section 20 and a reset display section 25. The data metrics map components can include a multitude of agents or monitor bots 30 (robots), such as bot 30-1, bot 30-2 and bot 30-3. Other components of the architecture can include the system to be monitored, which can be a network component 35, an operating system component 40 and a miscellaneous component 45, for example, a network, a database, an operating system and/or an application, respectively.

Please replace the abstract of page 27 with the following paragraph.

B<sup>2</sup>

A node exposing method including the step of a software agent obtaining from a display map, a reference to a node which is displayable in the display map. The software agent can be a platform independent software object. The node can represent a component in a complex heterogeneous system. The software agent can receive a data metric from the component. The software agent can then convert the data metric into an updated value. Once converted, the software agent can provide the updated value to the display map. The display map can responsively update the node to reflect the updated value.

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Please replace the first full paragraph of page 5 beginning at line 5 with the following amended paragraph. *NE*

For example, in complex heterogeneous systems, it can be necessary to monitor realtime performance to ensure that the network functions optimally. A content delivery network (CDN) is an example of a complex heterogeneous system and can include e-Business systems and communication networks. Since the CDN can consist of entities and diverse components, the size and heterogeneous characteristics of these CDNs can make it extremely difficult to perform real time analysis. Entities and components can include, but are not limited to servers, switches, routers, caches, load dispatchers (LD) and traffic managers. As a result, it is often required to perform tests on a scalable version of the network. Even then, personnel and expertise are required to dutifully monitor each component, entity or subsystem of the network, along with any associated applications databases and platforms. This post analysis monitoring can be ~~time~~ extremely time consuming and very expensive.

Please replace the second paragraph of page 5 beginning at line 9 with the following amended paragraph.

*B<sup>3</sup>*  
In another aspect of the invention, the node exposing method can include providing by request to requesting agents, references to nodes that are displayable. Each displayable node can represent a component in a content delivery network (CDN). The displayable nodes can be represented in a display map and the nodes can be updated based on values received from requesting agents. The agents can have the capability of requesting and reporting updated node values.